PINEDA ME08 Activity 05

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>docker run --rm -d --name apache -p 80:80 httpd:2.4
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
69692152171a: Pull complete
7284b4e0cc7b: Pull complete
3678b2d55ccd: Pull complete
aeb67982a725: Pull complete
06954f8169fd: Pull complete
Digest: sha256:48bae0ac5d0d75168f1c1282c0eb21b43302cb1b5c5dc9fa3b4a758ccfb36fe9
Status: Downloaded newer image for httpd:2.4
3f530261bd82036f5d0841400d302680dc72fa556e8fb254f1636f1480d91b75
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\docker-training>cd D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker cp index.html apache:/usr/local/apache2/htdocs/

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
```

*changed directory first to README

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 httpd:2.4
38eb611c27141fdce573e00f315f448b7c67352fa539a0b5e23f5ce94944a0bd

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works!</h1></body></html>

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume ls
DRIVER     VOLUME NAME

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume create myvolume
myvolume

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume ls
DRIVER     VOLUME NAME
local      myvolume

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume rm myvolume
myvolume

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume ls
DRIVER     VOLUME NAME

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>_
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume create httpd_htdocs
httpd_htdocs

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
docker: Error response from daemon: Conflict. The container name "/apache" is already in use by container "38eb611c27141fdce573e00f315f448b7c67352fa539a0b5e23f5ce94944a0bd". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
5300d0a1495681555d66ff35b34dadb23aabea627a58f09f9c15513777d86059

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker cp index.html apache:/usr/local/apache2/htdocs/

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>_
```

*used docker stop apache to resolve error

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
96b2ad2abc1c5e299f6da8b1b01168bafa6d65b98903b45dc094df8e84df0b1d

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker volume rm httpd_htdocs
```

```
D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker run --rm -d --name apache -p 80:80 -v D:/UserFolder/Documents/20-21-2ndSem/"CoE 197S"/Repositories/ME8_Containerization_and_Docker/5-volumes/:/usr/local/apache2/htdocs/ httpd:2.4
04189056f442d79fed9f72e49ba4e980bf47c01d539ff03d5e43057d12786e6a

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>curl localhost
<html><body><h1>It works quite well in Docker!</h1></body></html>

D:\UserFolder\Documents\20-21-2ndSem\CoE 197S\Repositories\ME8_Containerization_and_Docker\5-volumes>docker stop apache
apache
```